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नई दिल्ली, शनिवार, जुलाई 10, 1971 (आषाढ़ 19, 1893)

No. 28]

NEW DELHI, SATURDAY, JULY 10, 1971 (ASADHA 19, 1893)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 10th July 1971

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

19th June 1971

- 131798. Council of Scientific and Industrial Research. Synthesis of substituted 1-phenylhydridanes.
- 131799. Council of Scientific and Industrial Research. Synthesis of substituted 1-phenylhydrindanes.
- 131800. Farbenfabriken Bayer Aktiengesellschaft. Process and apparatus for the continuous production and/or covering of extruded sections.
- 131801. Joseph Lucas (Industries) Limited. Heat treatment of steels. (20th June 1970).
- 131802. E. R. Squibb & Sons, Inc. Radiopaque agents.
- 131803. Imperial Chemical Industries of Australia and New Zealand Limited. Compositions of matter.
- 131804. The Madras Chingleput District Palm Products Co-operative Federation Ltd. A process for the manufacture of aerated beverages from palm juice.
- 131805. S. D. Patil and (Mrs). Rekha Sharadchandra Patil. Dry battery charger.

21st June 1971

- 131806. K. K. Xavier. Improvements in or relating to a high powered air rifle.
- 131807. E. R. Squibb & Sons, Inc. Tetrahydronaphthyloxyaminopropanols and related compounds.
- 131808. Progil. Process for the manufacture of carbon disulphide with recovery of sulphur.
- 131809. Provil. Process for the manufacture of carbon disulphide with recovery of sulphur.

- 131810. Universal Oil Products Company. Solvent recovery process.
- 131811. C. K. Balakrishnan. Conveying concrete in bulk in a concrete traveller on trussed pipe rails.
- 131812. E. I. du Pont de Nemours and Company. Process for preparing alkyl 2-benzimidazole-carbamates.
- 131813. B. L. Narayanan. Supporting member for a top apron cradle.
- 131814. B. L. Narayanan. Centrally loaded weighting arm for drafting systems on spinning machines.
- 131815. B. L. Narayanan. Loading device for top apron cradle.
- 131816. B. L. Narayanan. Top roller twin for drafting systems in spinning machines.
- 131817. B. L. Narayanan. Three cylinder high drafting system.
- 131818. Bengal Coal Company Limited. Improvements in or relating to samplers for sampling coal, ores and other similar materials.
- 131819. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Polyene compounds.
- 131820. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Process for the manufacture of zeaxanthin.
- 131821. Sandoz Ltd. Antistatic finishing of plastic moulding materials.
- 131822. N. V. Philips' Gloeilampenfabrieken. Method of manufacturing a semiconductor device and semiconductor device obtained by using the method. [Addition to No. 129899].

22nd June 1971

- 131823. Council of Scientific and Industrial Research. A simple heat exchanger for preheating the air in cupola.
- 131824. Council of Scientific and Industrial Research. Improvements in or relating to a hand shearing machine for cutting sheets.

131825. Sailen Kumar Sen. A special self clamping lid and container.
131826. Dunlop Holdings Limited. Improvements in hose pipes.
131827. Dunlop Holdings Limited. Production of spiral wound hose.
131828. Girling Limited. Improvements in or relating to vehicle wheel brakes. (24th June 1970).
131829. Ugine Kuhlmann. Manufacture of concentrated nitric acid.
131830. Allied Chemical Corporation. Improvements in fluidized dielectric compositions.
131831. Schwarz Mining & Industrials Ltd. and J. R. Kennedy. Improvements in air stopping in underground mines. (7th July 1970).
131832. R. K. Singha. Domestic emergency light (Multi-purpose).
131833. E. I. du Pont de Nemours and Company. Pesticidal formulations.
131834. Eli Lilly and Company. Tetrazolo (1, 5-a) quino-line agents for the control of plantpathogenic organisms.
131835. O. A. Becker. Composite wall element for thermal and acoustic insulation.
131836. B. L. Narayanan. Separation roll.
131837. B. L. Narayanan. Mechanism with a central bore for receiving the stationary axle of a floating separator roll.
131838. Raffinerie Tirlémontoise. Improvements relating to methods for extracting by means of a liquid, products which are part of solids and device for the working thereof.
131839. Bunker Ramo Corporation. Electrical connector contact.
131840. Sony Corporation. Color television receiver.

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131841. W. C. Smackey. A new device for the improvement of the electrical production of super abundant, voluminous quantity of ozone by high voltage electric current.
131842. Ahmedabad Textile Industry's Research Association. Solution polymerisation of vinyl monomers.
131843. Council of Scientific and Industrial Research. A coconut husk chipping machine.
131844. F. Plasser. Improvements relating to mobile machine for detecting lateral deviations of rail of a railway track.
131845. G. S. Bamrah. Improvements relating to cooler.
131846. N. V. Philips Gloeilampenfabrieken. Stretcher
131847. Sandoz Ltd. Anthraquinone compounds of low solubility in water, their production and use.
131848. F. Hoffmann-La Roche & Co., Aktiengesellschaft. Thiazole derivatives.
131849. R. B. Magor. Apparatus and method for tea manufacture.
131850. Electrospin Corporation. Electrostatic spinning apparatus
131851. Gambin S. A. Universal Milling spindle-carrying unit.
131852. Imperial Chemical Industries Limited. Stripping of coated titanium electrodes for re-coating. (26th June 1970).
131853. Orsymonde. Butyramidine.
131854. Viobin Corporation. Rendering process.
131855. Cities Service Company. Carbon black furnace turbo-charger combination.
131856. P. H. Morel. Contraceptive and device for its application.

131857. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the dyeing and printing of hydrophobic fibre materials.
131858. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Water-soluble dyestuffs and process for preparing them.
131859. Nippon Kokan Kabushiki Kaisha. Method and apparatus for operating a blast-furnace with an auxiliary reducing gas.
131860. Jg Glass Industries Pvt., Ltd. Improvement in vacuum flask.
131861. The Chief Scientist, in the Research and Development Organisation, Ministry of Defence, Govt. of India, New Delhi (India). Chemclean for defouling and decoppering of high calibre guns after firing.

24th June 1971

131862. Mrs. Nargis amy Engineer. Improvements in and relating to attachment for telephones.
131863. S. D. Supanekar and Dr. E. H. Daruwalla. A process for maintaining the reduced state in vat dye dyebaths.
131864. Delhi Cloth and General Mills Co., Ltd. Improvements in or relating to the preparation of internally plasticized polyvinyl chloride.
131865. Stamicarbon N. V. Process for the preparation of powdery homo-or copolymers of ethylene.
131866. The Bendix Corporation. Solid state phase comparator.
131867. Fisons Limited. Granules. (1st July 1970).
131868. C. A. V. Limited. Starting aids for internal combustion engines. (2nd July 1970).
131870. W. R. Grace & Co. Laminated structure and method of making same.
131870. M. L. B. Pooler. Manually operated spraying device.
131871. E. I. du Pont de Nemours and Company. Ductile chromium-containing ferritic alloys.
131872. Institut Electrosvarki Imeni E. O. Patona Akademii Nauk Ukrainskoi SSR. Half-finished electrodes for surfacing wear-resisting metal into a surface of a workpiece.
131873. The Chief Scientist in the Research and Development Organisation, Ministry of Defence, Govt. of India, New Delhi (India). Nitrosol inhibitor composition for cutting oil emulsions for prevention of staining during grinding and finishing processes.
131874. F. Plasser. Improvements in or relating to mobile machine for determining different track parameters.
131875. F. Plasser. Improvements in or relating to mobile machine for determining the vertical position and condition of a railway track.
131876. F. Plasser. Improvements in or relating to mobile machine for measuring the twist of a track.
131877. I. Mavrovic. Urea synthesis.

Alteration of Date

123220. The Claim to priority has been altered from 12th May 1969 to 16th September 1969.
125212. The Claim to priority date 18th February 1969 has been disallowed and the application dated as of 9th February 1970, the date of filing in India.
123203. The claim to priority date 29th November 1968 has been abandoned and the application dated as of 17th September 1969, the date of filing in India.
124737. The claim to priority date 6th February 1969 has been abandoned and the application dated as of 12th February 1970, the date of filing in India.

129615. Ante-dated to 13th June 1969 under section 5 of the Act.

130774. Ante-dated to 23rd February 1970 under section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patent's Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8 Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

121779. Scientific Adviser to the Defence Minister, Ministry of Defence, Government of India, New Delhi, India. A non-reciprocal two port isolating device. Accepted on 13th March 1971.

Comprising a triangular metallic block, a wave-guide port, a triangular ferrite prism and a match load.

122120. B. Krishan. Improvement in or relating to cycle locks. Accepted on 5th April 1971.

Comprising plurality of movable rings carrying digits or alphabets on their outer surfaces and fixed to the key operated locking mechanism.

122978. Controls and Switchgear Company. Improvements in or relating to traffic signals or the like. Accepted on 1st March 1971.

Characterised in that the existing traffic light system is further provided by an additional set of traffic lights on the other side of the road for vehicular traffic and parallel light system in conjunction with bell system for pedestrian crossing and time delay switches provided adjacent the bell system for controlling the operation of bell.

123142. Dr. D. V. Parikh, Dr. V. G. Agnihotri and Dr. C. Nanjundayya. A process for the preparation of peracetic acid from glacial acetic acid and hydrogen peroxide, bleaching bath or liquor containing same, bleaching textiles with said liquor and the bleached textiles so obtained. Accepted on 15th June 1971.

Acetic acid (99.5%) and hydrogen peroxide of strength upto 50% are reacted together in the molar ratio of 1:0.05 to 1:0.09 in the presence of sulphuric acid.

123177. R. R. Juneja. Aerials and means for mounting same more particularly for the reception of television and frequency modulated signals. Accepted on 16th June 1971.

Comprising a telescopic aerial rod, a base column on which aerial is hingedly mounted, a slide bush through which the aerial rod and the base column can slide, spring loading means between base and stud engagement means with base for locking with the engagement means of the slide bush.

123188. P. M. D. Christopher. Improved propulsion with pneumatic drive. Accepted on 17th March 1971.

Comprises foot operated air pump with ducted suction end open to atmosphere, delivery duct to

taper to a nozzle, a plurality of blades on the periphery of the wheel, circular ring fixed to wheel, a driving arrangement, tie rods, a pedal placed on each tie rod, means for retaining tie rods in positions of rest.

123205. J. S. Sagar. Improvements in or relating to planing machines. Accepted on 17th June 1971.

An electromagnetic clutch having a clutch shaft, a disc mounted on said shaft, a forward and a reverse friction plates, a forward and a reverse magnetic coils adapted to be alternately energised due to movement of the table.

123203. Stradler Ship Company. A transported vehicle and a transportable vehicular member in combination therewith. Accepted on 17th June 1971.

At least one vehicular support member comprising a means for attaching and locking to said member at least one transportable vehicular member into a unitary and substantially rigid structural unit with said support member.

123220. (Dr.) O.A. Becker. Improvements in and relating to insulating wall units. (16th September 1969). Accepted on 19th June 1971.

Comprising oppositely disposed panels, a seal between the panel margins and insulating means in the cavity between the panels, the insulating means comprising an insulation group extending parallel to the wall and composed at least two thermal radiation reflecting foils, and devices for holding them at a spacing.

123221. T. J. Mathew. Foldable mats. Accepted on 19th June 1971.

Comprises a plurality of rows of pieces each of said pieces having perforated at both the ends characterised in that said laterally spaced pieces in each of the first and alternative rows thereafter are tied by a separate endless wire or string.

123232. Dr. C. C. Trivedi. Improvements in or relating to internal combustion engines. Accepted on 19th June 1971.

Comprising a plurality of cylinders where in the cylinders are grouped so that each group consists of two or more cylinders and means are provided to fire or inject the charge simultaneously in all the cylinders of a group.

123581. Compagnie Du Filage Des Metaux Et Des Joints Curtly (Cefilac). A tool for use in piercing axial holes in metal blocks. (25th June 1969). Accepted on 19th June 1971.

Comprising two separate parts, one part being solid fitted coaxially with spindle second being annular and replacably secured to first part and the spindle.

123811. Ciba Limited. Dyestuffs, processes for their manufacture and their use for printing and dyeing synthetic fibres. Accepted on 17th June 1971.

Comprises introducing into dyestuff containing NHT group by coupling diazonium compound and a coupling component containing group T' being hydrogen alkyl or aryl and Z being halogenated cycloaliphatic acyl residue.

123884. Uniroyal, Inc. Improvements in alkyl-sulfoxide and alkyl-sulfone terminated oligomers. Accepted on 16th June 1971.

Comprises oxidizing an alkyl S-(a acrylonitrile) (acrylic acid)_s H to yield alkyl S(O)_r-(acrylonitrile)_s (acrylic acid)_s-H.

123966. British Steel Corporation. Manganese control. (10th October, 1969). Accepted on 22nd June 1971.

Varying the proportions of combustion products and uncombined oxygen in the refining gas stream

- in at least two stages, a first slag forming, manganese control stage in which the gas stream is relatively rich in combustion products, a decarbursing stage in which the gas stream is relatively poor in combustion products, varying the duration of first stage so that by providing a short first stage, high manganese reversion to the melt down obtained.
124513. Hindustan Lever Limited. Process for splitting soap-stock and apparatus suitable for use in the process. Accepted on 19th June 1971.
- Reacting the soap with antinorganic acid by aspirating one into the other.
124517. Uss Engineers and Consultants, Inc. Method of cooling a casting and apparatus for controlling the cooling rate of the casting. Accepted on 19th June 1971.
- Characterized by measuring the elapsed time for each increment length of said casting travel from said mold to said cooling means and controlling the cooling means to obtain desired cooling rate.
124583. Sulzer Brothers Limited. Improvements in or relating to steam generators and the like. Accepted on 21st June 1971.
- A plant for heating a working medium comprising at least one cylindrical swirl-type combustion chamber which is adapted for the combustion of a mixture of liquid or gaseous fuel with air, and a combustion gas flue having convection-heated heating surface for the working medium.
124703. Harbans Lal Malhotra & Sons Private Limited. Razon blade. Accepted on 18th June 1971.
- Having on its cutting edge a coating of solid fluorocarbon polymer over a layer of silicone polymer and wherein the baking temperature of fluorocarbon polymer does not exceed the curing temperature of solid silicone polymer.
124718. Hindustan Chains (P) Ltd. Improvements in or relating to filter for water or the like liquids. Accepted on 22nd June 1971.
- Comprising a hollow cylindrical having a bottom open end and a conical top end, a pipe attached at one end to a hole in the centre of the top end and adapted to be connected to a water tap, a filtering means having a closed top end and an open bottom end fixed to a circular disc having an outlet at its centre, closing means for closing the open end of the cylindrical body and fixing means to attach the fixing means to the cylindrical body.
124737. Solvay et Cie. Process and catalysts for the polymerisation and copolymerisation of olefins. Accepted on 22nd June 1971.
- Process for the polymerisation and copolymerisation of olefins in the presence of a catalyst containing a reducing agent constituted by an organometallic compound and an activated solid having reactive groups derived from a transition metal compound.
124819. N. V. Philips Gloeilampenfabrieken. Flexible insulating foil having a pattern of conductive tracks. Accepted on 17th June 1971.
- Characterised in that at least a group of adjacent contact places is situated in at least one of the aperture of the insulating layer, said aperture having two parallel sides.
124934. Farbenfabriken Bayer Aktiengesellschaft. Process for the production of amidothionophosphoric acid esters and herbicidal compositions containing the same. Accepted on 17th June 1971.
- By reacting an O-alkyl-N-alkyl or cyclonkyl-amidothiono-phosphoric acid ester halide with the appropriate 2-nitro-4-substituted or unsubstituted phenol or a salt thereof.
125019. S. S. Sah. Improvements in or relating to a mounting device for mounting machine tools and the like. Accepted 21st June 1971.
- Characterised in that a resilient washer in sandwiched between a metal plate and a metal washer and the whole adapted to be fitted within a cup shaped metal cap having a welded nut to receive a bolt.
125023. Universal Oil Products Company. Process for hydrogenating light cycle oils. Accepted on 17th June 1971.
- Comprises passing the light cycle oil in contact with a catalyst in the presence of hydrogen at elevated temperature and pressure.
125177. Ishihara Sangyo Kaisha, Ltd. A process for the production of a titanium dioxide concentrate. Accepted on 22nd June 1971.
- Comprising leaching a titaniferous material with a mineral acid in presence of a seed for accelerating the hydrolysis of titanium salt and removing a solution containing Fe values from the resulting product.
125179. Maschinenfabrik Augsburg-Nürnberg Aktiengesellschaft. A piston for a direct injection diesel engine. Accepted on 18th June 1971.
- Comprising a piston head having a combustion chamber insert therein, a shroud sealed to the insert so as to define an inner cooling chamber around the insert, an outer cooling chamber in the piston head and a lower piston portion for receiving a gudgeon pin.
125212. Regina Glass Fibre Limited. Improved method and apparatus for the continuous production of a web or mat of staple fibres. Accepted on 17th June 1971.
- Which involves the steps of entertaining staple fibres in a continuous current of air generated by the rotation of the drum and guiding the current in a path away from the region of the drum and along a main axis of feed which extends across and above the conveyor band at an angle other than a right angle to the run of the conveyor to deliver the fibres on to a strip like delivery area.
125262. H. B. Shah. Consumption indicators for gas cylinder. Accepted on 15th June 1971.
- Comprising a top surface carrying a gas cylinder and mounted on a base through springs the movement of the top being converted into a rotary motion of a shaft having a pointer.
125418. E. E. Fassler. Improvements in or relating to thermal lances. Accepted on 22nd June 1971.
- Characterised by the fact that the core consists of a cable of twisted wires, which is firmly encased in a sheath.
125539. J. S. Engineer Improved tooth brush. Accepted on 19th June 1971.
- Characterized in that the handle thereof is provided with a brush head rotatably mounted thereon.
125575. Itt Industries, Inc. Improvement in the process for preparing a coated hydroxyethyl cellulose film and coated hydroxyethyl cellulose film prepared thereby. Accepted on 17th June 1971.
- The washed gel film is treated with a conditioning bath containing 0.3 to 2% of a non-ionic block polymer of polyoxyethylene and polyoxypropylene prior to coating said film with hydrophobic resin.
125696. N. V. Bekaert S. A. Improvement in or relating to wire netting. Accepted on 18th June 1971.
- Reinforcing elements in the form of wires, rods or the like extend substantially rectilinearly from side to side of the netting at substantially

regularly spaced intervals and engaged in the twist of said twisted mesh sides.

125708. Miag Mühlenbau Und Industrie G.m.b.H. A rotary drumtype screen for loose bulk materials. Accepted on 17th June 1971.

Providing a feedpipe steeply inclined to the horizontal and extending to the closed rear end of a cylindrical screen drum which is also having helical blades producing a conveying effect.

125734. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic polyester moulding compositions containing boron nitride. Accepted on 17th June 1971.

Comprises a saturated linear polyester of an aromatic dicarboxylic acid and optionally of an aliphatic dicarboxylic acid with a saturated aliphatic or cycloaliphatic acid and boron nitride.

125804. Nippon Kokan Kabushiki Kaisha. An alloy steel for low-temperature services. Accepted on 19th June 1971.

Obtained by treatment of a steel consisting of 0.03—0.14% of carbon, 0.05—0.50% of silicon, 0.3—0.7% of manganese, 0.2—0.6% of copper, 0.2—0.6% of chromium, 3.0—4.0% of nickel, 0.005—0.1% of aluminum and the rest being iron at a temperature above A_c point and tempering at a temperature lower than the A_c point.

125891. Joseph Lucas (Industries) Limited. Rotor assemblies for dynamo electric machines. (28th March 1969). Accepted on 18th June 1971.

Core mounted on the rotor shaft includes a pair of frusto-conical end portions positioned with their regions of smallest diameter adjacent one another so that a circumferentially extending groove is defined in the core.

125961. Joseph Lucas (Industries) Limited. Alternators. (2nd April 1969). Accepted on 18th June 1971.

Stator structure is provided with two slots per rotor pole and the stator slots accommodate a two phase winding which is T connected to produce a three phase output.

125969. Bristol-Myers Company. Glass cleaning composition. Accepted on 14th June 1971.

Comprising at least one lower aliphatic monohydric alcohol, at least one higher boiling polar organic solvent, a compatible surface-active agent, an alkali metal polyphosphate, ammonia, abrasive particles, all mixed in soft water.

125984. H. F. Axel Topsøe. Improvements in or relating to the preparation of catalysts. (28th May 1969). Accepted on 22nd June 1971.

Comprises reacting a solution of a water-insoluble Cu compound in an excess of chromic acid with a suspension of Zn in H_2O , and roasting the dried precipitate obtained in presence of NH_3 .

126107. American Flange & Manufacturing Co. Inc. Infant feeding bottle. Accepted on 17th June 1971.

Comprises an upstanding neck terminating in an open end, a bead surrounding said open end, a head surrounding said open end, a feeding nipple, a locking shoulder on said neck, a light weight metal sealing cap including a top panel, a skirt, a tear strip, said sealing cap overlying said nipple in gasketing engagement therewith.

126155. H. K. Razdan. Improvements in or relating to weighing machines. Accepted on 22nd June 1971.

Comprising a rod which contains markins, a stand, a container for placing an article to be weighed, a counter-weight, a base member with a pointer.

126243. Ciba Limited. Aroylated cobalt-phthalocyanines and process for their manufacture. Accepted on 17th June 1971.

Characterized by heating cobalt-phthalocyanine with aroyl halide in an aluminium melt.

126260. Joseph Lucas (Industries) Limited. Engine starting systems. (12th May 1969). Accepted on 21st June 1971.

Means for breaking the starter circuit when the engine speed above a predetermined value and delay means operable when the speed falls below said value.

126304. Ciba Limited. Herbicidal mixture for combating weeds in rice-cultures. Accepted on 17th June 1971.

Comprises $C_6H_4(R)_2-O-C_6H_3(NO_2)CF_3$ and $cl-C_6H_4(CH_3)_2OCH_2COOR$, R being halogen, alkyl or alkoxy, R, is hydrogen, alkyl, alkenyl or phenyl and n being 1, 2 or 3.

126314. Ireco Chemicals. Blasting slurry compositions containing calcium nitrate and method of preparation. Accepted on 22nd June 1971.

Comprising liquid solution of inorganic nitrates, chlorates, or perchlorates, calcium nitrate, and storage stable thickener comprising strongly cross-linked gel former.

126319. Uss Engineers and Consultants Inc. Mechanism for connecting a receiving vessels with a bottom-pour vessel. Accepted on 17th June 1971.

Characterised in that said device includes an inlet tube, means on said receiving vessel supporting said tube, and cooperating cam means on said supporting means and said teeming vessel for automatically moving said tube into—alignment with the outlet opening.

126406. S. D. Patel. An implement to automatically reverse the plough. Accepted on 17th June 1971.

Comprising a frame rotatably mounted in a body and carrying two sets of blades a rope looped around the frame the ends secured to two pins each eccentrically mounted in a sheave plate mounted on a spindle.

126426. Uss Engineers and Consultants, Inc. Method and apparatus for applying lubricant to a workpiece in a hot strip mill. Accepted on 15th June 1971.

Characterized by a plurality of spray nozzles, feed conduit means for delivering a lubricant to said nozzles, conduit means for causing flow of lubricant and atomizing air to said nozzles and shutting of said flow and atomizing air to said nozzles.

126467. Siemens Aktiengesellschaft. Improvements in or relating to frequency-controlled oscillator circuits. (18th February 1970). Accepted on 17th June 1971.

Comprising a mesh frequency generator, a phase discriminator, a capacitive diode and bias voltage.

126490. Fairchild Camera & Instrument Corporation. Semiconductor structure and a method of forming "PN" isolation junctions in integrated circuits. Accepted on 18th June 1971.

Comprising a substrate which contains on a selected surface thereof a selected pattern of an oxide of semiconductor material and single crystal semiconductor material is formed on the parts of said selected surface.

126627. The Dow Chemical Company. Process for regenerating a chromium oxide containing dehydrogenation catalyst. Accepted on 17th June 1971.

Comprising introducing an aqueous solution of chromic acid into the bed of catalyst as regeneration by passing a hot mixture of oxygen and steam is carried out.

126660. Messer Griesheim GMBH. Sealing for the partition wall between the liquid feed point and the drain in circulating columns. Accepted on 16th June 1971.

Characterized by one or two guide pieces fixed on the partition wall with sealing tongues slidingly mounted therein which are pressed on to the column jacket and the central tube by a spring

126699. Sumitomo Chemical Company, Ltd., Continuous process for manufacturing O, O-dialkyl-chlorothiophosphate. Accepted on 21st June 1971.

Comprises supplying in decreasing fractions 2.0 to 2.3 parts by mole of sodium lower alcoholate in alcohol solution to reaction system containing phosphorous sulphochloride along direction of stream with stirring.

126909. W. Makepeace. Display apparatus. (9th June 1969). Accepted on 17th June 1971.

Comprising a container formed of two spaced apart opposed transparent faces and spaced-apart sides, spacer members adapted to be snugly fitted therein, some of the spacer members having openings to accommodate display articles, and means for protecting outer surfaces of transparent faces.

126939. 1. D. M. Truskanov, 2. K. R. Brunin and 3. L. S. Ratner. Transmitting stacked aerial. Accepted on 18th June 1971.

Comprising number of tier each consisting radiators radially oriented relative to the surface of its support.

126966. Associated Lead Manufacturers Limited. Improvements in the electrolytic refining of metals. Accepted on 21st June 1971.

Refining in an electrolytic cell containing a lower molten metal cathode, an upper molten metal anode, a flux impregnated porous diaphragm disposed beneath and in contact with the anode and a layer of molten flux.

126982. Metallgesellschaft Aktiengesellschaft and Deutsche Babcock & Wilcox A. G. Process for a pyrometallurgical treatment of sulfidic iron ores or iron concentrates. Accepted on 22nd June 1971.

Characterized in that the iron ore concentrates are introduced at a plurality of locations and in the direction of respective tangents or secants into a cyclone chamber, which has an approximately horizontal axis and is cooled by an evaporation of water under pressure and are reacted with high oxygen gases.

127105. Kawasaki Steel Corporation. A method of improving punchability of steel sheets. Accepted on 22nd June 1971.

Characterized in that the coating is made by forming a first layer of 0.5 micron to 2.5 micron thickness by applying a solution containing one or more of chromic acid, chromates, and dichromates, overlying a second layer of 0.1 micron to 2.5 micron consisting of varnish, and baking the layers at 250°C to 600°C.

127163. Takeda Chemical Industries, Ltd. Method for producing citric acid. Accepted on 17th June 1971.

Inoculating a citric acid accumulating yeast belonging to the genus Candida, capable of utilizing hydrocarbons and incapable of utilizing citric acid in an aqueous culture medium.

127257. Azoplate Corporation. Light-sensitive material for making color proofing foils and a method therefor. Accepted on 17th June 1971.

A transparent plastic film having a coating thereon containing a dyestuff and a condensation product containing two particular units which are linked by a bivalent inter mediate member derived from a carbonyl compound capable of condensation

127620. Farbenfabriken Bayer Aktiengesellschaft. A process for the production of 2-mercaptobenzthiazole. Accepted on 17th June 1971.

The hot crude melt is dissolved in a solvent, the 2-mercaptobenzthiazole extracted from the resulting solution with a dilute aqueous alkali metal hydroxide

128232. Canon Limited-Canton Limitee. Reference system including two light sensitive transducers. Accepted on 22nd June, 1971.

Comprising a light beam projector, a beam receiver and a read condition sensor including a shadow board the receiver includes at least two light sensitive transducers

128674. V. A. Altekhar. An improved process for the manufacture of zinc dust. Accepted on 18th June 1971.

Agglomerating fine zinc containing raw materials, the agglomerated mass calcined to remove objectionable radicals and then charged along with solid carbonaceous reductant, and zinc vapours condensed in suitable condensers

128990. S. B. Bhatia. An improved liquid sprayer. Accepted on 22nd June 1971.

Comprising a trigger mechanism, a piston sub-assembly a nozzle plate, a spring in between the piston and cylinder nozzle chamber.

129615. Scientific Adviser to the Defence Minister, Ministry of Defence, Government of India, New Delhi, India. X-band waveguide iso-bend. [Divisional date 13th June 1969]. Accepted on 13th March 1971.

Comprising a rectangular waveguide housing made of aluminium and having a microwave attenuating element

130774. E. E. Passler. Improvements in or relating to thermal lances. [Divisional date 23rd February 1970]. Accepted on 22nd June 1971.

Characterised by that the core has at least one profile outer or inner face running lengthwise and that the core makes firm contact with the inside of the sheath only in sections running parallel to the common axis.

Opposition Proceedings

An opposition has been entered by Morris Electronics Private Limited to the grant of a patent on application No. 113703, made by Council of Scientific and Industrial Research.

Patents Sealed

114786. 118517. 119483. 119619. 119969. 119994. 120042. 120127. 120408. 120449. 120450. 120482. 120557. 120561. 120677. 120754. 120775. 120781. 120835. 120998. 121041. 121068. 121188. 121192. 121344. 121567. 121592. 121758. 121804. 121848. 121924. 121954. 121963. 121974. 121990. 122050. 122171. 122178. 122222. 122271. 122333. 122562. 122923. 122938. 123003. 123038. 123216. 123242. 123541. 123909. 124046. 124394. 124554. 124730. 124994. 125105. 125141. 125310. 125889. 128811. 128812. 128813.

Renewal Fees Paid

57730. 57734. 57736. 57737. 57738. 57978. 59066. 59068. 59069. 60949. 60976. 60979. 61001. 61009. 61049. 61053. 61114. 61115. 61143. 61242. 61545. 63885. 63929. 64214. 64471. 64472. 64486. 64506. 64551. 64650. 64675. 64760. 64761. 64764. 67963. 68196. 68201. 68338. 68358. 68382. 68409. 68461. 68471. 68487. 68488. 68563. 68720. 69210. 69979. 69986. 72272. 72274. 72383. 72435. 72442. 72524. 72525. 72540. 72590. 72617. 72622. 72624. 72631. 72647. 72648. 72651. 72655. 72656. 72729. 72756. 72775. 72776. 72777. 72800. 72813. 73360. 73438. 73459. 74090. 74384. 77338. 77350. 77354. 77355. 77391. 77400. 77429. 77430. 77432. 77480. 77593. 77635. 77637. 77732. 77737. 77742. 77774. 77780. 77786. 77791. 77887. 78169. 78190. 78199. 78251. 78499. 78699. 79643. 79741. 81865. 82966. 82995. 83003. 83025. 83025. 83031. 83076. 83089. 83091. 83111. 83136. 83138. 83171. 83198. 83226. 83320. 83390. 83478. 83496. 83574. 83604. 83618. 83817. 84292. 84513. 84625.

886108, 88527, 88650, 88654, 88719, 88760, 88762, 88765, 88785, 88792, 88812, 88874, 88924, 88965, 88973, 88996, 89093, 89179, 89180, 89518, 89537, 89561, 90916, 93912, 94042, 94228, 94240, 94262, 94378, 94388, 94426, 94434, 94448, 94454, 94455, 94456, 94459, 94460, 94461, 94462, 94463, 94465, 94466, 94485, 94489, 94501, 94522, 94536, 94542, 94543, 94544, 94613, 94631, 94632, 94646, 94686, 94737, 94740, 94775, 94869, 94888, 94918, 94921, 94955, 95018, 95177, 95362, 95608, 95798, 95843, 96032, 97247, 97858, 99316, 100023, 100024, 100147, 100301, 100302, 100343, 100346, 100347, 100390, 100394, 100395, 100248, 100478, 100515, 100550, 100589, 100645, 100663, 100702, 100726, 100727, 100730, 100752, 100775, 100828, 100833, 100994, 101151, 101184, 101224, 101274, 102697, 105171, 105862, 105917, 105930, 105947, 105950, 105954, 105965, 105979, 105985, 105986, 105987, 106006, 106021, 106036, 106058, 106099, 106119, 106159, 106160, 106224, 106258, 106282, 106284, 106300, 106304, 106336, 106343, 106424, 106536, 106550, 106562, 106611, 106633, 106787, 106833, 106919, 107040, 107239, 107880, 107915, 108031, 108199, 108286, 110262, 110741, 111130, 111131, 111169, 111198, 111231, 111321, 111334, 111335, 111368, 111376, 111380, 111388, 111401, 111406, 111409, 111485, 111486, 111516, 111540, 111548, 111621, 111622, 111637, 111677, 111693, 111705, 111768, 111793, 111795, 111861, 111901, 112004, 112026, 112095, 112451, 113275, 113395, 113732, 115208, 115611, 116076, 116379, 116845, 116931, 117636.

Cessation of Patents

92319, 97742, 99255, 109101, 109102, 109103, 109110, 109113, 109133, 109161, 109171, 109178, 109179, 109181, 109205, 109210, 109220, 109231, 109239, 109242, 109244, 109258, 109438.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1 No. 138192. Complete S.p.A. Viale Francesco Cripi, 5, Milan, Italy, an Italian Company, "A supporting tripod for a hosiery linking machine", November 18, 1970.

Class 1. No. 138199. Jankar Engineering Works, 17 Bombay Talkies Compound, Malad, Bombay 64, Maharashtra, India, "Latches", November 23, 1970.

Class 1. No. 138222. Jagdish Raj Ghai, Ashok Kumar Ghai, Rajendra Kumar Ghai, Smt. Pushpa Devi, 100-A, Co-operative Industrial Estate, Kanpur-6, U.P. Indian subjects, "Locks", November 30, 1970.

Class 1 No. 138229. Daikure Co., Ltd., a Corporation organised under the laws of Japan, 2, Tsukijicho, Kure-City, Hiroshima-Prefecture, Japan, "Lattice type step board", December 7, 1970.

Class 1. No. 138233. Sant Singh, Indian National 4861, Model Town, Jullundur City, Punjab State, "Locks", December 11, 1970.

Class 1. No. 138234. Dr. Jagdish Prasad Agarwal, Smt. Sushila Rani Agarwal and Suresh Kumar Agarwal, Amroha Gate, Moradabad (U.P.) Subject of

Indian Union, "Sprocket for Lambretta scooter", December 11, 1970.

Class 1. No. 138265. Sat Pal Singh, 775/5, Soti Gunj, Meerut City, (U.P.), (India), Indian, "Gas welding set", December 28, 1970.

Class 1. No. 138314. Sant Enterprises, 11, State Bank Colony, Delhi, Indian Partnership concern, "Mirror", January 8, 1971.

Class 1. No. 138357. Indian Steel & Metal Industries, 3/51A, Civil Lines, Agra-2, Uttar Pradesh, a firm registered under the Indian Partnership Act, 1932, "School Box", January 25, 1971.

Class 1. No. 138374 and 138375. Mistry Bros., an Indian Partnership firm duly registered under the Indian Partnership Act, 338, Sardar Vallabhbhai Patel Road, Munchharam Building, Bombay 4, State of Maharashtra, India, "A chair", February 2, 1971.

Class 1. No. 138382. Gupta Industries, an Indian Proprietary Concern D 38/112, Hauz Katora, Varanasi, Uttar Pradesh, "Telephone stand coin box", February 4, 1971.

Class 1. 138414. Technical Instruments, (India) Private Limited, (A Company registered under Indian Companies Act), National House, 4, Tulloch Road, Apollo Bunder, Bombay-1, (Maharashtra), "Microscope", February 15, 1971.

Class 3. No. 138200. Nylo Plastic Industries, a partnership firm duly registered in India, Mittal Estate, M. Vassanji Road, J. B. Nagar, Bombay-59, State of Maharashtra, India, "Desk Set", November 24, 1970.

Class 3. No. 138266. Juharmal Khetasidas, Shrinivas Juharmal Agrawal and Bajranglal Juharmal, all Indian nationals, Jai Hind Building 3A, Bhuleshwar, Bombay-2, State of Maharashtra, India, "Soles of footwear", December 28, 1970.

Class 3. No. 138320. Godrej Soaps Private Limited, a private limited company incorporated under the Indian Companies Act, 1913 of Eastern Express Highway, Vikhroli (East), Bombay-79, Maharashtra State, India, "Container", January 11, 1971.

Class 3. No. 138338. Dynam Plastics, Tamarind House, 36-Tamarind Lane Fort, Bombay-1, Maharashtra State, India Indian Partnership Firm, "Container", January 19, 1971.

Class 3. No. 138439. Joseph Lucas (Industries) Limited, Great King Street, Birmingham, England, a British Company, "A switch", September 3, 1970. (U.K.).

Class 3. No. 138447. Shiv Ratan Gupta, 3620, Netaji Subhas Road, Darya Ganj, Delhi-6, Indian National, "Stool", March 1, 1971.

Class 4. No. 138260. Lakme Limited, Bombay House, Bruce Street, Bombay 1, Maharashtra, India, an Indian Company, "Bottle", December 24, 1970.

Class 4. No. 138436. Sureshchand Bansilal Sanghavi and Prafulchand Bansilal Sanghavi, Indian Nationals, B. M. Industries, P.O. Utran, District Jalgaon, Maharashtra, India, "Bottles", February 25, 1971.

Class 10. No. 138333. Gulu Lalchand Mirchandani, Indian Trading as Avon Industries, 22, Paras, Little Gibbs Road, Bombay-6, Maharashtra State, "Footwear", January 13, 1971.

S. VEDARAMAN,
Controller General of Patents, Designs and Trade Marks

